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Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**180.00**

Complete if Known

Application Number **10/805,843**
Filing Date **March 22, 2004**
First Named Inventor **GONZALO ROMERO M**
Examiner Name
Art Unit **1654**
Attorney Docket No. **ROMERO**

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number
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The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

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FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**180.00**

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	GONZALO ROMERO M	Registration No. (Attorney/Agent)		Telephone	727-712-9265
Signature				Date	06-17-04

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IN THE UNITED STATES PATENT AND TRADE MARK OFFICE

Appl. No. : 10/805,843
Filed : March 22, 2004
Applicant : Gonzalo Romero M
Appl. Title : Devastating treatment against HIV/AIDS with capsaicin
Examiner/GAU: 1654

Mailed: 6-17-04

At: Saint Petersburg 33703

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450.

Sir:

Attached is a completed Form PTO/SB/08 (A&B) and copies of the pertinent parts of the references cited thereon. Following are comments on any non-English-language references pursuant to rule 98: Hiroshi (1997), shows an immunization mechanism of *Criptomeria japonica* D analogue and similar to the way capsaicin can operate in human organisms. Masaru (1998), expresses that capsaicin can be used to control superficial mycosis, being able it to release tachykinins as substance P for reinforcing an antifungal effect and promoting recovery of such diseases.

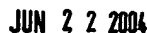
Very respectfully,
Applicant: Gonzalo Romero M
Enc: PTO-1449 & References
c/o: Gonzalo Romero, Applicant Pro se

455 39 Ave North apt # 2
Saint Petersburg FL 33703-6118
Telephone: 727-712-9265

CERTIFICATE OF MAILING

I certify that this correspondence will be deposited with the United States Postal Service as first class mail with proper postage affixed in an envelope addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the date below.

Date: 2004 6-17-04 Gonzalo Romero M, Applicant



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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/805,843
Filing Date	March 22, 2004
First Named Inventor	GONZALO ROMERO M
Art Unit	1654
Examiner Name	
Attorney Docket Number	ROMERO

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
	7	JP 09249579	09-22-1997	HIROSHI	p.1 abstract	✓
	8	JP 10120593	05-12-1998	MASARU	p.1 abstract	✓
	9	WO 9921542 A 2	05-06-1999	MCGRATH	p.1,8,25,28-30.	
	10	WO 0203879 A 1	01-17-2002	GROTH	p.4, p.6.	
	11	WO 02067966	09-06-2002	MORRE	p.1 abstract	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/805,843
		Filing Date	March 22, 2004
		First Named Inventor	GONZALO ROMERO M
		Art Unit	1654
		Examiner Name	
Sheet 1	of 8	Attorney Docket Number	ROMERO

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	12	ANDREWS, J. The domesticated capsicum. 1984. University of Texas press. Austin.	
	13	BAR-SHAVIT Z, GOLMAND R, STABINSKY Y, GOTTLIEB P, FRIDKIN M, TEICHBERG V.I, BLUMBERG S. Enhancement of phagocytosis-a newly found activity of substance P residing in its n-terminal tetrapeptide sequence. Biochem and Biophy Research Comm. 1980. Vol. 94, pp. 1445-1451.	
	14	BELITZ H.D, GROSCH W. Food chemistry. 1987. Springer-verlag. Berlin	
	15	BERNSTEIN J.E. Capsaicin in the treatment of dermatologic disease. Cutis. 1987. Vol 39, pp. 352-353.	
	16	BERNSTEIN J.E, BICKERS D.R, DAHL M.V, ROSHAL J.Y. Treatment of chronic postherpetic neuralgia with topical capsaicin. Journal of American Academy Dermatology. 1987. Vol 17, pp. 93-96.	
	17	BLACK J.G. Microbiology. Principles and applications. 1993. Marymount University. Prentice Hall, New Jersey.	
	18	BLATTEIS C.M. Physiology and pathophysiology of the temperature regulation. 1998. University of Tennessee, Memphis. World Scientific Publishing.	
	19	BUCK S.H, BURKS T.F. Neuropharmacology of capsaicin: review of some recent observations. Pharmacological Reviews. 1986. Vol 38, pp. 179-272.	
	20	CHAH L.A, LYNCH A.M. The acute effects of capsaicin on the cardiovascular system. Acta Physiologica Hungarica. 1987. Vol 69, pp. 413-419.	

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Application Number	10/805,843
		Filing Date	March 22, 2004
		First Named Inventor	GONZALO ROMERO M
		Art Unit	1654
		Examiner Name	
Sheet 2	of 8	Attorney Docket Number	ROMERO

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	21	CHEMICAL INDUSTRY. Report developmental toxicology of polyoxyethylene sorbitan monooleate (cas# 9005-65-6) in sprague-dawley cd rats, abstract. 1992. Internet.	
	22	CICHEWICZ R.H, THORPE P.A. The antimicrobial properties of chile peppers (capsicum species) and their uses in Mayan medicine. J of Ethnopharmacology. 1996. Vol 52, pp. 61-70.	
	23	CROMBIE L, DANDEGAONKER S.H, SIMPSON K.B. Amides of vegetable origin. Part VI. Synthesis of capsaicin. J of the Chemical Society. 1955. pp. 1025-1027. London.	
	24	DEWITT D. The chile pepper encyclopedia. 1999. William Morrow and Co, Inc. New York.	
	25	DEWITT D, STOCK M.T, HUNTER K. The healing powers of peppers. 1998. Three Rivers Press, New York.	
	26	EGLEZOS A, ANDREWS P.V, BOYD R.L, HELME R.D. Review modulation of the immune response by tachykinins. Immunology and Cell Biology. 1991. Vol 69, pp. 285-294.	
	27	FRAENKEL-CONRAT H, KIMBAL P.C. Virology. 1982. Prentice-Hall, Inc, Englewood Cliffs, N.J.	
	28	FRANCO R, COSTA M, FURNESS J.B. Evidence that axons containing substance P in the guinea-pig ileum are of intrinsic origin. Naunyn-Schmied Arch of Phar. 1979. Vol 307, pp 57-63.	
	29	GANNETT P.M, IVERSEN P, LAWSON T. The mechanism of inhibition of cytochrome P450IIE1 by dihydrocapsaicin. Bio-organic Chemistry. 1990. Vol 18, pp. 185-198.	
	30	GILMAN S.C, SCHWARTZ J.M, MILNER R.J, BLOOM F.E, FELDMAN J.D. B-endorphin enhances lymphocytes proliferative responses. Proceed of Nat Acad of Sciences. 1982. Vol 79, pp. 4226-4230.	

Examiner Signature		Date Considered	
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				Art Unit	1654
Examiner Name					
Sheet	3	of	8	Attorney Docket Number	ROMERO

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	31	GLINSUKON T,STITMUNNAITHUM V,TOSKULKAO C,BURANAWUTI T,TANGKRISANAVINONT V.Acute toxicity of capsaicin in several animal species.Toxicon.1980.Vol 18,pp. 215-220.		
	32	HARBOUR D.A,HILL T.J,BLYTH W.A.Recurrent herpes simplex in the mouse:inflammation in the skin and activation of virus in the ganglia		
		following peripheral stimulation.Journal of General Virology.1983.Vol 64,pp. 1491-1498.		
	33	HARTUNG H.P,TOYKA K.V.Activation of macrophages by substance P:induction of oxidative burst and thromboxane release.Eur J of Pharmacology.1983.Vol 89,pp. 301-305.		
	34	HEINERMAN J.Encyclopedia of healing juices.1994.Parker Publishing Co.New York.		
	35	HOLZER P.Capsaicin:cellular targets,mechanisms of action, and selectivity for thin sensory neurons.Pharmacological Reviews.1991.Vol 43,pp. 143-201.		
	36	HOLZER P,SARIA A,SKOFITSCH G,LEMBECK F.Increase in tissue concentrations of histamine and 5-hydroxytryptamine following capsaicin		
		treatment of newborn rats.Life Sciences.1981.Vol 29,pp. 1099-1105.		
	37	HOLZER P,GAMSE R,LEMBECK F.Distribution of substance P in the gastrointestinal track-lack of effect of capsaicin pretreatment.Europ J of Pharmacology.1980.Vol 61,pp.303-307.		
	38	ISSEKUTZ B,LICHTNECKERT I,WINTER M.Effect of histamine,capsaicine and procaine on heat regulation.Archiv Inter de Pharmacodynamie et de Therapie.1950.Vol 83,pp.319-326.		

Examiner Signature		Date Considered	
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		First Named Inventor	GONZALO ROMERO M
		Art Unit	1654
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Sheet 4 of 8	Attorney Docket Number	ROMERO	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	39	JANCSO N, JANCSO-GABOR A, SZOLCSANYI J. Effect of capsaicine on thermoregulation. Acta Physiol Acad Scientiarum Hungaricae. 1966. Vol 29, p. 364.	
	40	JANCSO-GABOR A, SZOLCSANYI J, JANCSO N. Irreversible impairment of thermoregulation induced by capsaicin and similar pungent substances in rats and guinea-pigs. The Journal of Physiology. 1970. Vol 206, pp. 495-507.	
	41	JOE B, LOKESH B. R. Role of capsaicin, curcumin and dietary n-3 fatty acids in lowering the generation of reactive oxygen species in rat peritoneal macrophages. Biochimica et Biophysica Acta. 1994. Vol 1224, pp. 255-263.	
	42	JOHNSON A. R, ERDOS E. G. Release of histamine from mast cells by vasoactive peptides. Proceed of the Soc for Exper Biol and Med. 1973. Vol 142, pp. 1252-1256.	
	43	KARRER T, BARTOSHUK L. Capsaicin desensitization and recovery on the human tongue. Physiology and Behavior. 1991. Vol 49, num 1, pp. 757-764.	
	44	KAUZMANN. Influence of temperature on biological system. Symposium of University of Connecticut. Editor Johnson F. H. American Physiol Soc. 1957.	
	45	LIMLOMWONGSE L, CHAITAUCHAWONG C, TONGYAI S. Effect of capsaicin on gastric acid secretion and mucosal blood flow in rat. The J of Nutrition. 1979. Vol 109, pp. 773-777.	
	46	LJUNGDAHL A, KRISTENSSON K, LUNDBERG J. M, SVENNERHOLM B, ZIEGLER R. Herpes simplex virus in capsaicin treated mice. J of the Neurological Sciences. 1986. Vol 72, pp. 223-230.	

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Filing Date	March 22, 2004
First Named Inventor	GONZALO ROMERO M
Art Unit	1654
Examiner Name	
Attorney Docket Number	ROMERO

Sheet **5** of **8****NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	47	LUNBLAD L, LUNBERG J.M, ANGGARD A, ZETTERSTROM O. Capsaicin-sensitive nerves and the cutaneous allergy reaction in man. Allergy. 1987. Vol 42, pp. 20-25.	
	48	MAKARA G.B, GYORGY L, MOLNAR J. Circulatory and respiratory responses to capsaicin, 5-hydroxytryptamine and histamine in rats pretreated with	
		capsaicin. Archives Internationales de Pharmacodynamie et de Therapie. 1967. Vol 170, pp. 39-45.	
	49	MATHEWS P.M, FROELICH C.J, SIBBITT W.L, BANKHURST A.D. Enhancement of natural cytotoxicity by B-endorphin. The J of Immunology. 1983. Vol 130, pp. 1658-1662.	
	50	MCGILLS J.P, MITSUHASHI M, PAYAN D.G. Immuno-modulation by tachykinin neuropeptides. Annals of the N.J Acad of Sciences. 1990. Vol 594, pp. 85-93.	
	51	MONSEREENUSORN Y. Subchronic toxicity studies of capsaicin and capsicum in rats. Chemical Pathology and Pharmacology. 1983. Vol 41, pp. 95-110.	
	52	MONSEREENUSORN Y, GLINSUKON T. The inhibitory effect of capsaicin on intestinal glucose absorption in vitro. Toxicology Letters. 1979. Vol 4, pp. 393-397.	
	53	MONSEREENUSORN Y, KONGSAMUT S, PEZALLA P.D. Capsaicin-a literature survey. CRC Critical Reviews in Toxicology. 1982. Vol 10, pp. 321-339.	
	54	MONTAGNIER L. Virus. 2000. W.W. Norton and Co. N.J. London.	
	55	MORTON C.R, CHAHL L.A. Pharmacology of the neurogenic oedema response to electrical stimulation of the saphenous nerve in the rat. Arch of Pharmacology. 1980. Vol 314, pp. 271-276.	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/805,843
		Filing Date	March 22, 2004
		First Named Inventor	GONZALO ROMERO M
		Art Unit	1654
Examiner Name			
Sheet 6 of 8	Attorney Docket Number		ROMERO

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	56	NAGY J.I,GOEDERT M,HUNT S.P,BOND A.The nature of the substance P-containing nerve fibres in taste papillae of the rat tongue.Neuroscience.1982.Vol 7,pp. 3137-3151.	
	57	NATIONAL INSTITUTE OF JUSTICE.CHRISTENSEN R.G,FRANK D.E. Preliminary Investigation of Oleoresin capsicum.NIJ Report 100-95.1995.	
	58	NELSON E.K.Capsaicin,the pungent principle of capsicum, and the detection of capsicum.The J of Industrial and Engineering Chemistry.1910.Vol 2,pp.419-421.	
	59	NELSON E.K.The constitution of capsaicin,the pungent principle of capsicum. II.The J of the American Chemical Society.1920.Vol 41,pp. 597-599.	
	60	NELSON E.K.The constitution of capsaicin,the pungent principle of capsicum. III.The J of the American Chemical Society.1923.Vol 45,pp. 2179-2181.	
	61	OLMSTED J.M.H.Prelude to calculus and linear algebra.1968.Meredith Corp.New York.	
	62	PALECEK F,SANTAMBROGIO G,SANTAMBROGIO F,MATHEW O.Reflex responses to capsaicin: intravenous,aerosol and intratracheal administration. Journal of Applied Physiology.1989.Vol 67,pp. 1428-1437.	
	63	PANERAI A.E,MARTINI A,LOCATELLI V,MANTEGAZZA P.Capsaicin decreases B-endorphin hypothalamic concentrations in the rat.Pharmacol Research Comm.1983.Vol 15,pp. 825-832.	
	64	PAYAN D.G,BREWSTER D.R,MISSIRIAN-BASTIAN A,GOETZL E.J.Sustance P recognition by a subset of human T lymphocytes.The J of Clinical Invest.1984.Vol 74,pp. 1532-1539.	

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	65	PORSZASZ J,GYORGY L,PORSZASZ-GIBISZER K.Cardiovascular and respiratory effects of capsaicin.Acta Physiol Acad Scien Hungaricae.1955.Vol 8,pp. 61-76.	
	66	PORSZASZ J,SUCH GY,PORSZASZ-GIBISZER K.Circulatory and respiratory chemoreflexes.I.Acta Physiol Acad Scien Hungaricae.1957.Vol 12,pp. 189-205.	
	67	SCHERTEL E.R,ADAMS L,SCHNEIDER D.A,SMITH K.S,GREEN J.F.Rapid shallow breathing evoked by capsaicin from isolated pulmonary circulation.	
		Journal of Applied Physiology.1986.Vol 61,pp. 1237-1240.	
	68	SCHNEIDER M,DELUCA V,GRAY S.The effect of spice ingestion upon the stomach.The American J of Gastroenterology.1956.Vol 26,pp. 722-732.	
	69	SHAKHASHIRI.Chemical of the Week, ethanol.Chemical Industry.Internet	
	70	SIMONE D.A,BAUMANN T.K,LA MOTTE R.H.Dose-dependent pain and mechanical hyperalgesia in humans after intradermal injection of capsaicin.Pain.1989.Vol 38,pp. 99-107.	
	71	SKOFITSCH G,DONNERER J,PETRONIJEVIC S,SARIA A,LEMBECK F.Release of histamine by neuropeptides from the perfused rat hindquarter.Archiv of Pharmacol.1983.Vol 322,pp.153-157.	
	72	STASCH A.R,JOHNSON M.N.Antioxidant properties of chile pepper.J of American Dietetic Association.1970.Vol 56,pp. 409-412.	
	73	SURH Y.J,LEE S.S.Capsaicin,a double-edged sword:toxicity,metabolism, and chemopreventive potential.Life Sciences.1995.Vol 56,pp. 1845-1855.	

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	74	SZOLCSANYI J, JANCOS-GABOR A. Sensory effects of capsaicin congeners. I. Relationship between chemical structure and pain-producing potency of pungent agents. Arzneimittel Forschung Drug Research. 1975. Vol 25, pp. 993-1094.	
	75	TIMMERSON C. A few simple techniques for staying alive. Home remedies for the A.I.D.S. Holocaust. Journal of Orthomolecular Medicine. 1990. Vol 5, pp. 25-31.	
	76	VIRANUVATTI V, KALAYASIRI C, CHEARANI O. Effect of capsicum solution on human gastric mucosa as observed gastroscopically. 1972. Vol 58, pp. 225-232.	
	77	VISUDHIPHAN S, POOLSUPPASIT S, PIBOONNUKARINTR O, TUMLIANG S. The relationship between high fibrinolytic activity and daily capsicum ingestion in thais. The American J of Clinical Nutrition. 1982. Vol 35, num 1, pp. 1452-1458.	
	78	ZINSSER H. Microbiology. 1972. Prentice-Hall.	
	79	ZHANG Z, HAMILTON S.M, STEWART C, STROTHER A, TEEL R.W. Inhibition of liver microsomal cytochrome P450 activity and metabolism of the tobacco-specific nitrosamine NNK by capsaicin and ellagic acid. Anticancer Research. 1993. Vol 13, pp. 2341-2346.	

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